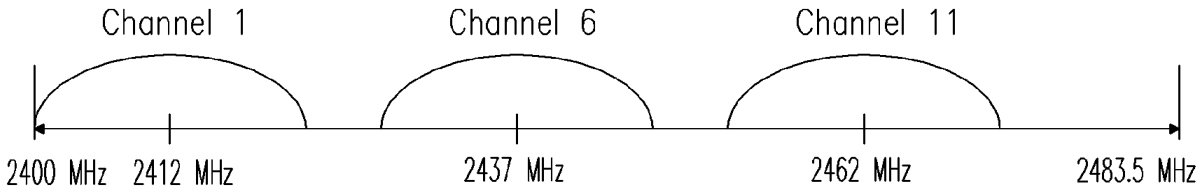
CHNL_ID	Frequency (MHz)	X'10' FCC	X'20' IC	X'30' ETSI	X'31' Spain	X'32' France	X'30' MKK
1	2412	X	X	X	–	–	–
2	2417	X	X	X	–	–	–
3	2422	X	X	X	–	–	–
4	2427	X	X	X	–	–	–
5	2432	X	X	X	–	–	–
6	2437	X	X	X	–	–	–
7	2442	X	X	X	–	–	–
8	2447	X	X	X	–	–	–
9	2452	X	X	X	–	–	–
10	2457	X	X	X	X	X	–
11	2462	X	X	X	X	X	–
12	2467	–	–	X	–	X	–
13	2472	–	–	X	–	X	–
14	2484	–	–	–	–	–	X

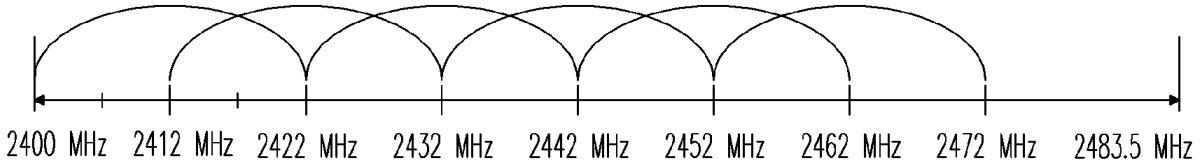
FIG. 1 (PRIOR ART)

Group Number	Number of Channels	Channel used
1	3	1,6,11
2	6	1,3,5,7,9,11

(a)



(b)

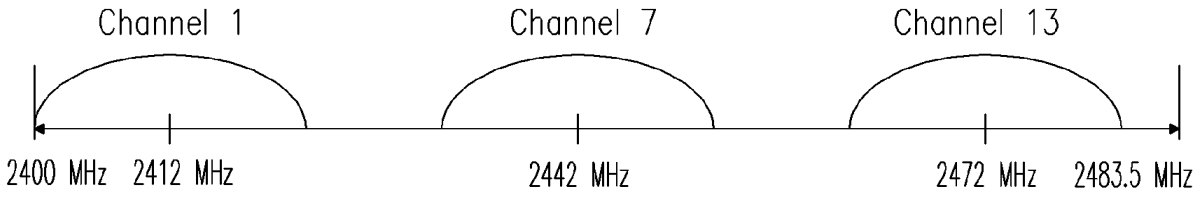


(c)

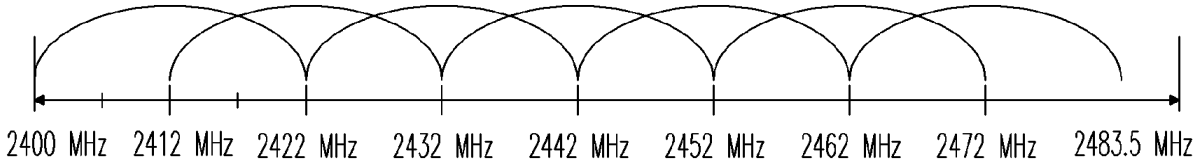
FIG. 2

Group Number	Number of Channels	Channel used
1	3	1,7,13
2	6	1,3,5,7,9,11,13

(a)



(b)



(c)

FIG. 3

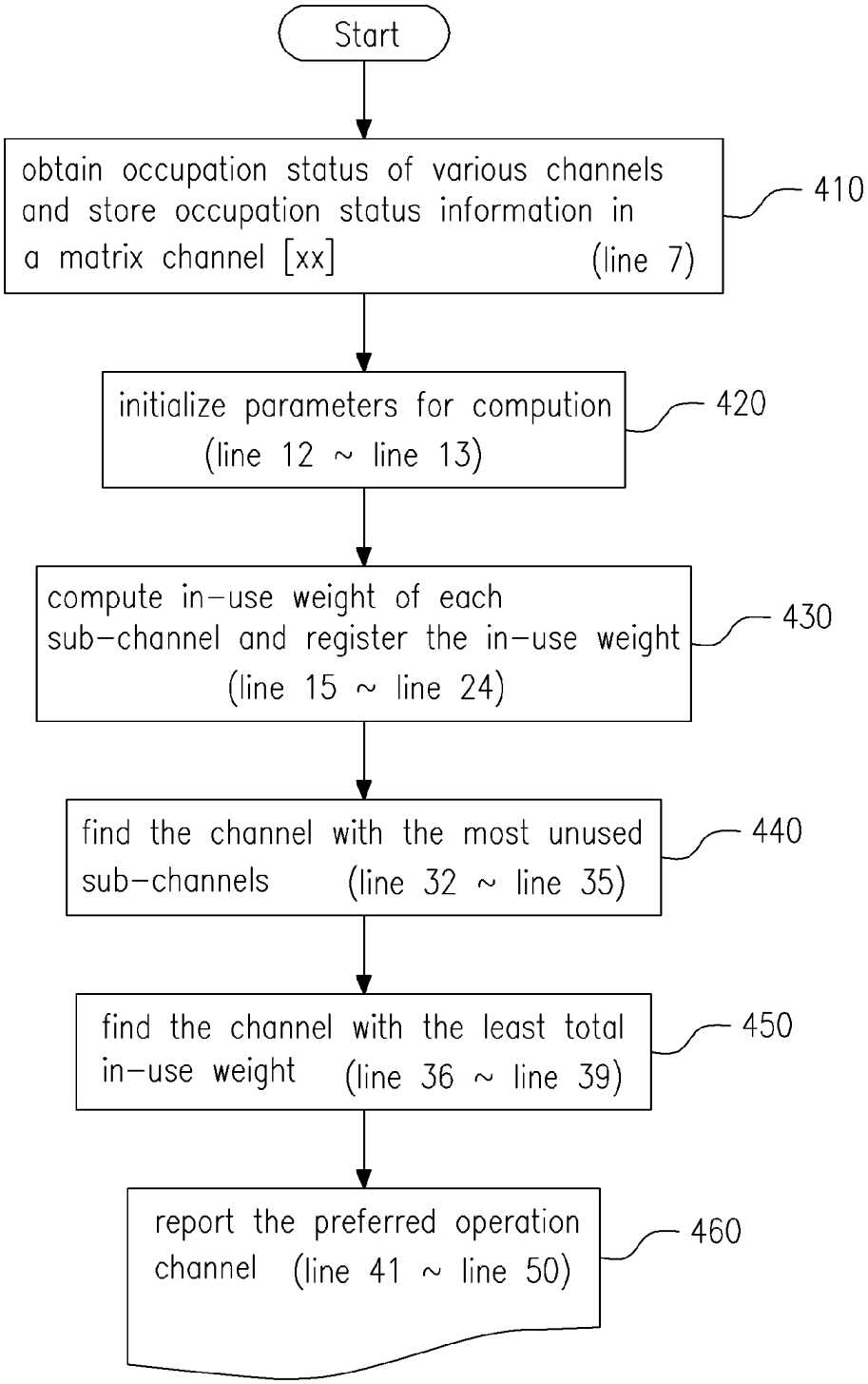

Start
obtain occupation status of various channels and store occupation status information in a matrix channel [xx] (line 7)
410
initialize parameters for compution (line 12 ~ line 13)
420
compute in-use weight of each sub-channel and register the in-use weight (line 15 ~ line 24)
430
find the channel with the most unused sub-channels (line 32 ~ line 35)
440
find the channel with the least total in-use weight (line 36 ~ line 39)
450
report the preferred operation channel (line 41 ~ line 50)
460

FIG. 4

Channel Number	Number of access point in use	SSID	SSID 2
1	0		
2	0		
3	1	PM-Team	
4	0		
5	0		
6	1	jason	
7	0		
8	0		
9	0		
10	0		
11	2	RD-AP	ME-AP
12	0		
13	0		
14	0		

FIG. 5